CLAIMS

1. Liquid spraying apparatus comprising a spray gun having an inlet, a reservoir for a liquid to be sprayed, connector means connecting an outlet from the reservoir to the inlet of the spray gun to permit the liquid to be withdrawn from the reservoir in use, the connector means being releasable for detaching the outlet from the inlet, and permitting rotation of the outlet relative to the inlet while the reservoir is attached to the spray gun without compromising the integrity of the connection between the reservoir and the spray gun

2. Liquid spraying apparatus of claim 1 wherein, the connector means permits rotation of the reservoir outlet through at least 90°relative to the spray gun inlet with the outlet of the reservoir in communication with the inlet of the spray gun.

3. Liquid spraying apparatus according to claim 2 wherein, the connector means permits rotation of the reservoir outlet through 360° relative to the spray gun inlet with the outlet of the reservoir in communication with the inlet of the spray gun.

4. Liquid spraying apparatus according to any one of the preceding claims wherein the connector means comprises at least one resilient clip on one of the reservoir and spray gun engageable with an abutment on the other of the reservoir and spray gun to resist axial separation of the reservoir and spray gun while permitting rotation of the reservoir outlet relative to the spray gun inlet.

5. Liquid spraying apparatus according to claim 4 wherein the reservoir outlet and spray gun inlet are connectable by push fit and the resilient clip comprises a spring leg arranged to extend substantially parallel to the direction of movement of the reservoir outlet towards/away from the spray gun inlet and the abutment comprises a ledge transverse to said direction of movement such that the spring leg engages behind the ledge when the reservoir outlet is connected to the spray gun inlet and can rotate relative to the ledge while resisting axial separation of the reservoir outlet from the spray gun inlet.

6. Liquid spraying apparatus according to claim 5 wherein one of the spring leg and ledge has a cam face arranged to deflect the spring leg when the reservoir outlet is connected to the spray gun inlet to allow a distal end of the spring leg to pass the ledge and latch behind the ledge to secure releasably the reservoir to the spray gun.

7. Liquid spraying apparatus according to claim 6 wherein the distal end of the spring leg has an undercut retainer face arranged to latch behind the ledge and the spring leg is manually deflectable to position the retainer face clear of the ledge to release the reservoir and allow the reservoir outlet to be disconnected from the spray gun inlet.

8. Liquid spraying apparatus according to claim 7 wherein the cam face and retainer face are provided by a projection that extends outwards from the distal end of the spring leg towards the ledge.

9. Liquid spraying apparatus according to claim 8 wherein the projection is wider than the spring leg in the direction of rotation of the reservoir.

10. Liquid spraying apparatus according to claim 9 wherein the projection is of generally triangular shape.

11. Liquid spraying apparatus according to claim 10 wherein the distal end of the spring leg is connected to an apex of the triangular projection.

12. Liquid spraying apparatus according to any one of claims 7 to 11 wherein the distal end of the spring leg has an actuator for manually releasing the retainer face from the ledge.

13. Liquid spraying apparatus according to any one of claims 5 to 12 wherein the spring leg is provided on the spray gun and the ledge on the reservoir.

14. Liquid spraying apparatus according to any one of claims 5 to 12 wherein the spring leg is provided in the reservoir and the ledge on the spray gun.

15. Liquid spraying apparatus comprising a spray gun having an inlet, a reservoir for a liquid to be sprayed, the reservoir having an outlet connectable to the inlet of the spray gun to permit the liquid to be withdrawn from the reservoir in use, the inlet and outlet defining a connection axis when engaged, and retainer means operable in response to connection of the reservoir outlet and spray gun inlet to permit rotation of the reservoir outlet relative to the spray gun inlet about the connection axis and to resist separation of the reservoir outlet and spray gun inlet in a direction parallel to the connection axis in all angular adjusted positions of the reservoir relative to the spray gun.

16. Liquid spraying apparatus according to claim 15 wherein the retainer means is self-latching in response to connection of the reservoir outlet and spray gun inlet to secure the reservoir to the spray gun and is manually releasable when it is desired to disconnect the reservoir outlet from the spray gun inlet.

17. Liquid spraying apparatus according to claim 15 wherein the retainer means permits unrestricted rotation of the reservoir relative to the spray gun through 360° about the connection axis such that the reservoir can be rotated to any angular adjusted position after connection of the outlet to the spray gun inlet and the retainer means is operable to resist removal of the reservoir in all angular adjusted positions.

18. A reservoir for use with a spray gun, the reservoir having an outlet for connection to an inlet on the spray gun and a resilient retainer clip for self-latching engagement with the spray gun to secure the reservoir to the spray gun, the arrangement being such that the reservoir outlet can be rotated relative to the spray gun inlet while the reservoir is connected to the spray gun and the retainer

clip is operable to secure the reservoir in all rotationally adjusted positions of the outlet.

19. A reservoir according to claim 18 having a central longitudinal axis wherein the outlet is provided at an end of the reservoir said outlet being offset relative to the central longitudinal axis of the reservoir, and the reservoir has an inlet separate from the outlet at the same end such that liquid can be added to the reservoir while the outlet is connected to the spray gun.

20. A reservoir according to claim 18 or claim 19 wherein the reservoir can be rotated to position the outlet at the lowest point of the reservoir to allow substantially all of the liquid to be withdrawn from the reservoir in use.

21. A connector system for securing a reservoir to a spray gun, the system comprising a resilient retainer on one of the reservoir and spray gun, and an abutment on the other of the reservoir and spray gun, the retainer being engageable with the abutment when an outlet of the reservoir is connected to an inlet of the spray gun to prevent separation of the reservoir and spray gun while permitting rotation of the reservoir relative to the spray gun.